INDEX.

Adie, R, of Liverpool, account of experiments with thermo-hydro-electrical currents, with an examination of the metals exposed to thermo-electric action, 90.

Agassiz, Professor, latest report on his glacier researches, 144.

American or United States exploring expedition, account of, 21.

Animalcule, a newly-discovered species found in the human skin, by Erasmus Wilson, Esq., 204.

Australia, fruits and flowers of, 388.

Beaumont, Elie, report on M. Alcide d'Orbigny's memoir, entitled General Considerations on the Geology of South America, 42.

Bebeeru Tree of British Guiana, by Dr D. Maclagan, 197.

Birds, wingless, of New Zealand, 387.

Connell, Professor, on the Tagua nut, 205.

Crustacea, observations on their organs of generation, described by H. D. S. Goodsir, Esq., 183.

Davy, John, M.D., &c., on the temperature of the Frith of Forth, and on the specific gravity of its water, 1—on guano, 290.

Dick, Thomas, A.M., observations on the planet Venus, at the time of its superior conjunction, 164.

Earthquake-shocks, felt in Great Britain, and especially in Scotland, with inferences suggested by these notices as to the cause of the shock, by David Milne, Esq., F.R.S.E., &c., 72, 362.

Ehrenberg on minute fossil organic bodies, 201.

Electrical sounds in the Alps, 199.

Ethnology, on its progress, by Dr Hodgkins, 118.

Esquimaux, their physical characters, observations on, by Richard King, M.D., 296.

Firth of Forth, temperature of, by Dr John Davy, 1.

Forbes, Professor Edward, on the light thrown on geology by submarine researches, 318.

Forbes, Professor, James, on glaciers, in a letter to the Earl of Cathcart, 217—determination of heights by the temperature of boiling water, 191.

Forests, their extent and situation, 236.

Fyfe, Dr, on the comparative value of different kinds of candle or parrot-coal, for yielding gas, and on the illuminatory powers of gas, at different distances from the manufactory, 223.

INDEX.

Adie, R, of Liverpool, account of experiments with thermo-hydro-electrical currents, with an examination of the metals exposed to thermo-electric action, 90.

Agassiz, Professor, latest report on his glacier researches, 144.

American or United States exploring expedition, account of, 21.

Animalcule, a newly-discovered species found in the human skin, by Erasmus Wilson, Esq., 204.

Australia, fruits and flowers of, 388.

Beaumont, Elie, report on M. Alcide d'Orbigny's memoir, entitled General Considerations on the Geology of South America, 42.

Bebeeru Tree of British Guiana, by Dr D. Maclagan, 197.

Birds, wingless, of New Zealand, 387.

Connell, Professor, on the Tagua nut, 205.

Crustacea, observations on their organs of generation, described by H. D. S. Goodsir, Esq., 183.

Davy, John, M.D., &c., on the temperature of the Frith of Forth, and on the specific gravity of its water, 1—on guano, 290.

Dick, Thomas, A.M., observations on the planet Venus, at the time of its superior conjunction, 164.

Earthquake-shocks, felt in Great Britain, and especially in Scotland, with inferences suggested by these notices as to the cause of the shock, by David Milne, Esq., F.R.S.E., &c., 72, 362.

Ehrenberg on minute fossil organic bodies, 201.

Electrical sounds in the Alps, 199.

Ethnology, on its progress, by Dr Hodgkins, 118.

Esquimaux, their physical characters, observations on, by Richard King, M.D., 296.

Firth of Forth, temperature of, by Dr John Davy, 1.

Forbes, Professor Edward, on the light thrown on geology by submarine researches, 318.

Forbes, Professor, James, on glaciers, in a letter to the Earl of Cathcart, 217—determination of heights by the temperature of boiling water, 191.

Forests, their extent and situation, 236.

Fyfe, Dr, on the comparative value of different kinds of candle or parrot-coal, for yielding gas, and on the illuminatory powers of gas, at different distances from the manufactory, 223.

Geographical relations of countries and nations, as dependent on the extent and situation of forests, 236.
Geographical Distribution of Articulated Animals, 384.
Glaciers, observations on, by Professor Agassiz, 144—on glaciers, by Professor J. Forbes, 217.
Geology of South America, by Alcide d'Orbigny, 42.
Goodsir, Harry, D. S., on the development of the seminal fluid, and organs of generation in the Crustacea, 183.
Guano, the South American and African kinds, observations on, by John Davy, M.D., F.R.S.L., 290.
Hodgkin, on the progress of Ethnology, 118.
Hope, Dr, his chemical observations on the flowers of various plans, and on the proximate principles they contain, 193.
Human bones, in the fossil state, in the præhistorical world in South America, 38.
India, route to, by Charles Maclaren, Esq., F.R.S.E., 136.
—— temperature of the earth in, by John Caldecott, Esq., 198.
Iron, cast, its silvering by galvanism, 206.
Keilhau on crystalline limestone, &c., 341.
King, Richard D., on the physical characters of the Esquimaux, 296.
King, William, Esq., contributions towards the general character of the fossil plants of the genus Sigillaria, 4, 272.
Leonhardite, a new mineral species, described, 208.
Lightning melts a watch of a man in his pocket, without his being injured, 199.
Meikle on the theory of parallel lines, 310.
Meteorological Tables for 1843, 186, 377.
Milne, David, Esq., notices of earthquake-shocks felt in Great Britain, especially Scotland, 72, 362.
Nile, river, its early rise in 1843, 201.
D'Orbigny on the geology of South America, 42.
Palladium, extraction of, in Brazil, 207.
Patents granted in Scotland from 20th September to 20th December 1843, 214—from the 18th December 1843 to the 22d March 1844, 391.
Pilla, Leopold, on the production of flames in volcanoes, and the consequences that may be drawn therefrom, 231.
Planet Venus, observations on, at the time of its superior conjunction, by Thomas Dick, 164.
Plica Polonica, the animal said to cause it, noticed, 204.
Publications, new, received, 211, 389.
Radiation, solar, observations on, 113.

XUM

Refraction, index of, its determination, by means of the sextant, &c., by William Swan, Esq., 102.
Rhind, William, Esq., on the geological arrangement of ancient strata, deduced from the condition of the present oceanic bed, 317.
Sandstone pillars and caves of N-Western Australia, 381.
Sea-Trout (Salmo trutta), on the migration and growth of, 192.
Sea, rise of, by sudden rise of a body of subterranean water, and flowing of sea-water into the land, 199.
Schlegel, Dr, on the fables and prejudices regarding serpents, 63.
Sigillaria, on the genus of, by William King, Esq., 4, 272.
Society, Royal, of Edinburgh, proceedings of, from February to May 1. 1843, 190.
Tagua nut, the so-called vegetable ivory, noticed, 205.
Ventilation of sailing and steam-vessels, observations by R. Ritchie, civil engineer, &c., 167, 261.
Volcano, a new one, in the island of Meleda, in the Adriatic, 202.
Water, on the organic matters, the purest kinds, contain, 195.
Wingless birds of New Zealand, 387.
Whales, capture of, in Faroe, 210.
Wohlerite, a new mineral species, described, 207.
Wolfram, chemical constitution of, by M. Marguerite, 382.

XUM